

Snowdonia National Park

Forecast valid from 00:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Wednesday 16 Feb 2022 at 16:20

Confidence: High for windy and unsettled, particularly Friday, lowering for the detail of timing of poorest conditions.

Headline for Thursday 17 Feb 2022: Showers. Severe gale to storm force summit winds initially.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards

Low Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

Low Likelihood

Gales

Medium Likelihood

Severe chill effect

High Likelihood

Poor visibility

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light snow showers (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light snow showers	Light snow showers	Partly cloudy (night)	Cloudy
Precipitation probability							
30%	20%	20%	20%	50%	40%	20%	10%

Forecast for Thursday 17 Feb 2022

Weather: A day of showers, with outbreaks heaviest and most frequent midday through to mid-afternoon, over western peaks such as Cadair Idris, with a small chance of thunderstorms. Showers dying away early evening, while cloud thickens and lowers from the west with an area of rain and snow extending to all towards midnight. Snow level around 400-500m.

Chance of cloud-free hill tops above 800m: By day 70% for any given time, but virtually nil for prolonged periods given the showery nature of the flow.

Low Cloud and visibility: Good becoming moderate to very poor in showers, only a few metres in cloud with bases lowering 500m sporadically.

Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	56/68 W	54/66 W	49/60 W	40/50 W	30/39 W	35/45 W	24/31 SW	23/29 SW	26/33 SE
600	39/49 W	38/49 W	34/44 W	28/37 W	23/31 W	25/34 W	16/22 SW	14/20 SW	21/27 SE
300	26/44 W	25/44 W	23/40 W	19/33 W	15/27 W	16/29 W	9/19 SW	8/18 SW	13/24 SE
Valley	26/44 W	26/44 W	24/41 W	20/34 W	16/27 W	16/28 W	10/19 SW	8/18 SW	13/23 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-9	-1/-12	-2/-12	-2/-12	-1/-10	-0/-9	-0/-8	-0/-7	-1/-8
600	3/-5	2/-6	1/-7	1/-7	2/-5	2/-4	2/-3	2/-3	1/-5
300	6/-0	4/-2	4/-3	3/-2	4/-0	5/0	4/1	4/1	4/-1
Valley	7/2	6/0	5/-1	5/-0	6/2	6/2	6/3	5/3	5/1
Freezing Level*	900m	700m	600m	500m	600m	800m	700m	700m	700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Occasional blizzard conditions. Wind chill effect most marketed across height peaks and though the morning.

Forecast for Friday 18 Feb 2022

Weather: Very windy at first with violent storm force winds bringing hazardous conditions. Unsettled with Storm Eunice crossing eastwards through the north of England bringing periods of rain and snow overnight, with snow level lifting to the highest peaks, then a showery westerly flow develops from dawn, which gradually weakens through the day, with snow level lowering to around 300m from early evening.

Maximum wind: South or Southwest increasing mean 65-70mph across most exposed ridges and summits from mid-morning, with gusts reaching 80-90mph, before easing gradually through the afternoon and evening.

Chance of cloud-free hill tops above 800m: 50% at first, becoming 75% by late afternoon.

Low Cloud and visibility: By day initially frequently falling moderate to very poor in showers less so through the afternoon.

Temperature: **Valleys:** Plus 1 Celsius becoming 9 Celsius during the afternoon
At 800m: Zero to plus 2 Celsius at first lowering minus 2 Celsius later
Freezing level: 800-1000m lowering 500m later

Ground Conditions Supplement

Please see - <https://www.eryri.llyw.cymru/visiting/walking/ground-conditions>

Issued at: 1620 on Wed 16 Feb 2022